

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/003486**A. CLASSIFICATION OF SUBJECT MATTER***C30B 25/00(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01L 21/312, H01L 21/00, H01L 21/20, C32C 16/26, C30B 7/00, C30B 25/00, B29C 35/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KPA, PAJ, FPD, USPATFULL) in KIPO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A X	US 5334283 (UNIV. NORTH CAROLINA) 02 August 1994 see column 2 line 23 - column 5 line 59, claims	1-7 8, 9
A	US 5486263 (AT&T BELL LABORATORIES) 23 January 1996 see column 2 line 1 - column 3 line 8, claims	1-9
A	US 2002/168836 A1 (NOGUCHI HITOSHI) 14 November 2002 see [004] - [0028]	1-9
A	US 6068883 (MATUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 30 May 2000 see column 1 line 15 - column 2 line 62	1-9
A	US 2004/0177803 A1 (Geoffrey Alan Scarsbrook et al.) 16 September 2004 see [0003] - [0026]	1-9
A	US 5478513 (GEN ELECTRIC) 26 December 1995 see column 1 line 19 - column 2 line 40	1-9

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

03 MARCH 2006 (03.03.2006)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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